

Title (en)
COMBINATORIAL LUBRICATING OIL COMPOSITION LIBRARIES

Title (de)
KOMBINATORISCHE SCHMIERÖLZUSAMMENSETZUNGSBIBLIOTHEKEN

Title (fr)
BIBLIOTHEQUES COMBINATOIRES DE COMPOSITIONS D'HUILES LUBRIFIANTES

Publication
EP 1680658 A4 20110316 (EN)

Application
EP 04818311 A 20041027

Priority

- US 2004035809 W 20041027
- US 69952903 A 20031031

Abstract (en)
[origin: US2005095718A1] A combinatorial lubricating oil composition library is provided comprising a plurality of different lubricating oil compositions comprising (a) a major amount of a base oil of lubricating viscosity and (b) at least one lubricating oil additive. Methods for preparing same are also provided.

IPC 8 full level
C10M 169/04 (2006.01); **B32B 5/02** (2006.01); **B32B 27/04** (2006.01); **C10M 171/00** (2006.01); **C10M 171/02** (2006.01); **C12P 37/02** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/40** (2006.01); **G01N 21/00** (2006.01); **G01N 31/00** (2006.01); **G01N 33/00** (2006.01); **G01N 33/03** (2006.01); **G01N 33/26** (2006.01); **G01N 33/30** (2006.01); **G01N 35/08** (2006.01); **C10N 20/02** (2006.01); **C10N 30/02** (2006.01); **C10N 30/06** (2006.01); **C10N 30/10** (2006.01); **C10N 30/20** (2006.01); **C10N 40/04** (2006.01); **C10N 40/08** (2006.01); **C10N 40/25** (2006.01); **C10N 40/30** (2006.01); **C10N 70/00** (2006.01)

IPC 8 main group level
F01M (2006.01)

CPC (source: EP US)
B01J 19/0046 (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C40B 40/04** (2013.01 - EP US); **G01N 33/30** (2013.01 - EP US); **B01J 2219/00308** (2013.01 - EP US); **B01J 2219/0036** (2013.01 - EP US); **B01J 2219/00479** (2013.01 - EP US); **B01J 2219/00547** (2013.01 - EP US); **B01J 2219/00585** (2013.01 - EP US); **B01J 2219/00599** (2013.01 - EP US); **B01J 2219/00691** (2013.01 - EP US); **B01J 2219/00693** (2013.01 - EP US); **B01J 2219/00702** (2013.01 - EP US); **B01J 2219/00756** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/20** (2013.01 - EP US); **C10N 2040/04** (2013.01 - EP US); **C10N 2040/08** (2013.01 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2040/30** (2013.01 - EP US); **C10N 2070/00** (2013.01 - EP US); **Y10T 436/12** (2015.01 - EP US)

Citation (search report)

- [X] EP 1338642 A1 20030827 - ETHYL CORP [US]
- [A] US 2003054740 A1 20030320 - MANSKY PAUL [US]
- [A] US 6295485 B1 20010925 - GLEESON JAMES WILLIAM [US], et al
- See references of WO 2005045205A2

Citation (examination)
STEFAN SCHMATLOCH ET AL: "Instrumentation for Combinatorial and High-Throughput Polymer Research: A Short Overview", MACROMOLECULAR RAPID COMMUNICATIONS, vol. 24, no. 1, 1 January 2003 (2003-01-01), pages 33 - 46, XP055030026, ISSN: 1022-1336, DOI: 10.1002/marc.200390018

Designated contracting state (EPC)
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DOCDB simple family (application)
US 69952903 A 20031031; CA 2542893 A 20041027; CN 200480032369 A 20041027; EP 04818311 A 20041027; JP 2006538247 A 20041027; US 2004035809 W 20041027